

ABSTRACT OF THE DISCLOSURE

An image data conversion apparatus includes color correction units for correcting the difference in color reproduction characteristic between projectors, bias
5 correction units for correcting the bias so as to display partial color images on a predetermined set bias, data distribution units for distributing image data to display, at a predetermined ratio, the partial color images contained in the overlap region between
10 the partial color images, and nonuniformity correction units for correcting color nonuniformities in the partial color images.

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